

PARTS MANUAL

COMMERCIAL GENERATOR

PX12000e



Cummins **Onan**



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FIG. 1 GENERATOR

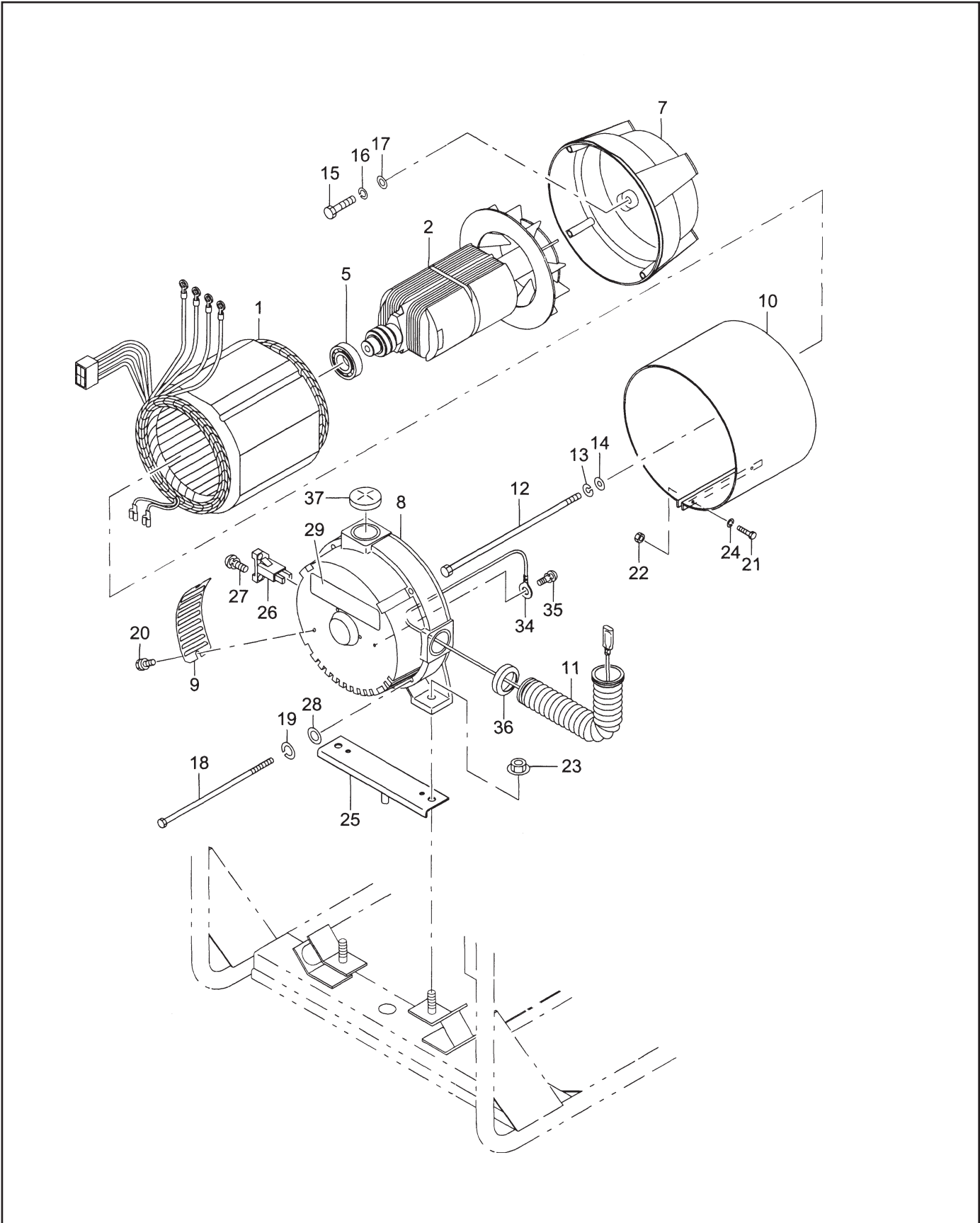
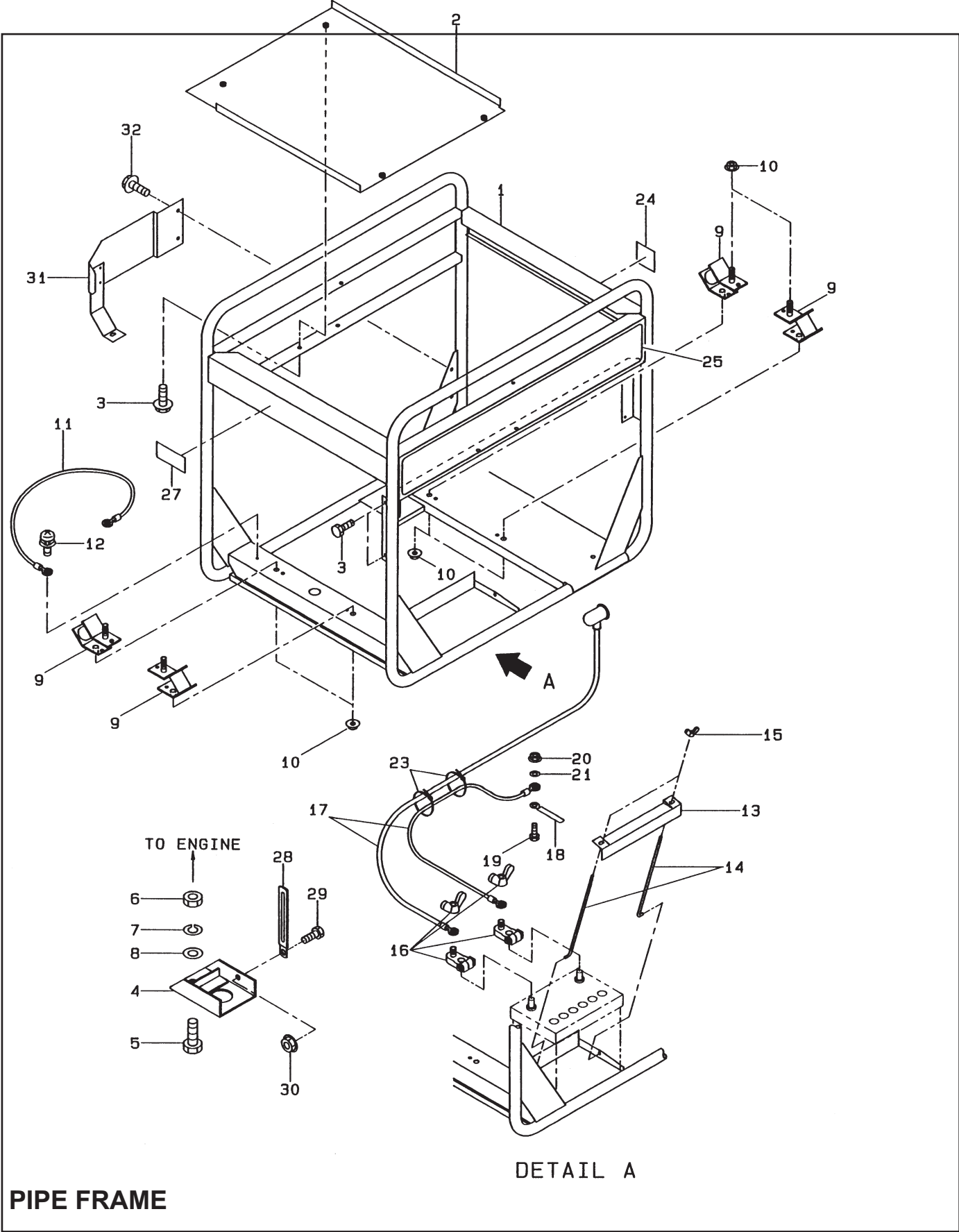


FIG. 1 GENERATOR

[illegible]

FIG. 2 PIPE FRAME P



PIPE FRAME

FIG. 2 PIPE FRAME

[illegible]

This exploded view diagram illustrates the assembly of a control cabinet. The components are numbered as follows:

- 1**: Main cabinet body
- 2**: Front door
- 3**: Terminal block
- 4**: Mounting screw
- 5**: Mounting bracket
- 6**: Mounting screw
- 7**: Mounting screw
- 8**: Mounting screw
- 9**: Mounting screw
- 10**: Mounting screw
- 11**: Cable tie
- 12**: Terminal block
- 13**: Terminal block
- 14**: Terminal block
- 15**: Motor
- 16**: Mounting screw
- 17**: Mounting screw
- 18**: Mounting screw
- 19**: Mounting screw
- 20**: Mounting screw
- 21**: Mounting screw
- 22**: Cable tie
- 23**: Cable tie
- 24**: Mounting screw
- 25**: Mounting screw
- 26**: Mounting screw
- 27**: Mounting screw
- 28**: Mounting screw
- 29**: Mounting screw
- 30**: Mounting screw
- 31**: Mounting screw
- 32**: Mounting screw
- 33**: Mounting screw
- 34**: Mounting screw
- 35**: Mounting screw
- 36**: Mounting screw
- 37**: Mounting screw
- 38**: Mounting screw
- 39**: Mounting screw
- 40**: Mounting screw
- 41**: Cable tie
- 42**: Mounting screw
- 43**: Mounting screw
- 44**: Mounting screw

FIG. 3 CONTROL BOX



REF	PART NUMBER	DESCRIPTION	QTY	REMARKS
*1	31G-71016-00	CONTROL BOX ASS'Y	1	Includes items 1 thru 44
1	31F-73012-01	CONTROL BOX UNIT	1	
*2	31G-72015-00	CONTROL PANEL ASS'Y	1	Includes items 2 thru 21
2	31G-73015-21	CONTROL PANEL	1	
3	31G-75002-03	NO FUSE BREAKER	1	2P-39A
4	31B-79011-03	SCREW and WASHER ASS'Y	4	M3×5mm
5	391-47900-11	VOLTMETER	1	
6	002-17030-00	NUT	2	
7	31F-75016-03	PILOT LAMP	1	
*8	393-43101-01	LAMP (OIL)	1	Includes item 9
9	393-45006-01	LAMP	1	18V-0.11A
*10	066-00003-30	KEY SWITCH	1	Includes item 11
11	066-00099-80	KEY	2	
12	388-85003-01	AC RECEPTACLE (GFCI)	2	20A
13	380-45749-08	AC RECEPTACLE	1	125V-30A
14	31G-75017-03	AC RECEPTACLE	1	125/250V-30A
15	31G-75018-03	AC RECEPTACLE	1	125/250V-50A
16	351-49920-08	SCREW and WASHER ASS'Y	6	M4×10mm
17	003-10040-00	WASHER	12	
18	002-17040-00	NUT	6	
19	31G-75015-03	SCREW and WASHER ASS'Y	4	
20	393-40651-08	HOUR METER	1	
21	344-45615-08	AUTO IDLE SWITCH	1	
22	353-45716-08	TERMINAL BOLT	1	
23	31G-74015-01	AVR ASS'Y	1	
24	392-49986-08	SCREW and WASHER ASS'Y	4	M4×6mm
25	004-36062-00	SCREW and WASHER ASS'Y	3	 M6×20mm
25	004-36062-00	SCREW and WASHER ASS'Y	4	 M6×20mm
26	002-38060-00	FLANGE NUT	5	M6
27	389-89001-03	GROMMET	1	
28	056-60002-50	CLAMP	1	
29	31F-73018-01	PLATE, box	1	
30	366-49997-08	SCREW and WASHER ASS'Y	4	M5×10mm
31	011-00600-20	FLANGE BOLT	1	M6×12mm
32	351-49920-08	SCREW and WASHER ASS'Y	6	M4×10mm
33	KU3-11062-11	ECU(O/S & R/C),compl.	1	
33	KU3-11062-01	ECU(O/S & R/C),compl.	1	
34	KU3-11055-01	IDLE CONTROL UNIT	1	
35	353-47200-08	CONNECTOR	1	6P
36	004-35041-00	SCREW and WASHER ASS'Y	2	M4×10mm
37	002-17040-00	NUT(M4)	2	M4
38	31G-49501-03	CONNECTOR CAP	1	
39	024-11500-10	GROMMET	1	
40	30G-49106-08	LABEL, earth	1	

FIG. 3 CONTROL BOX cont.

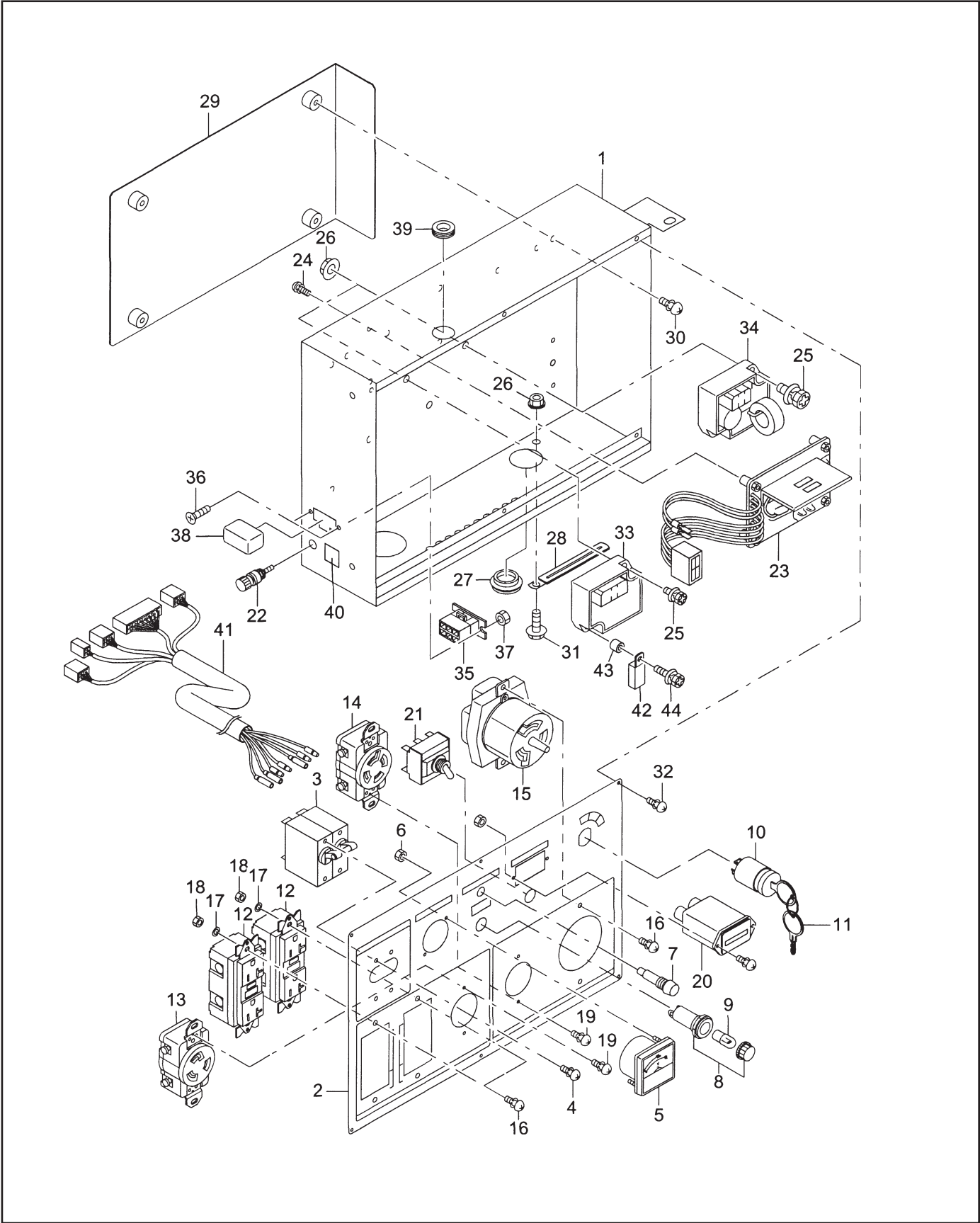


FIG. 3 CONTROL BOX cont.

[illegible]

FIG. 4 2-WHEEL

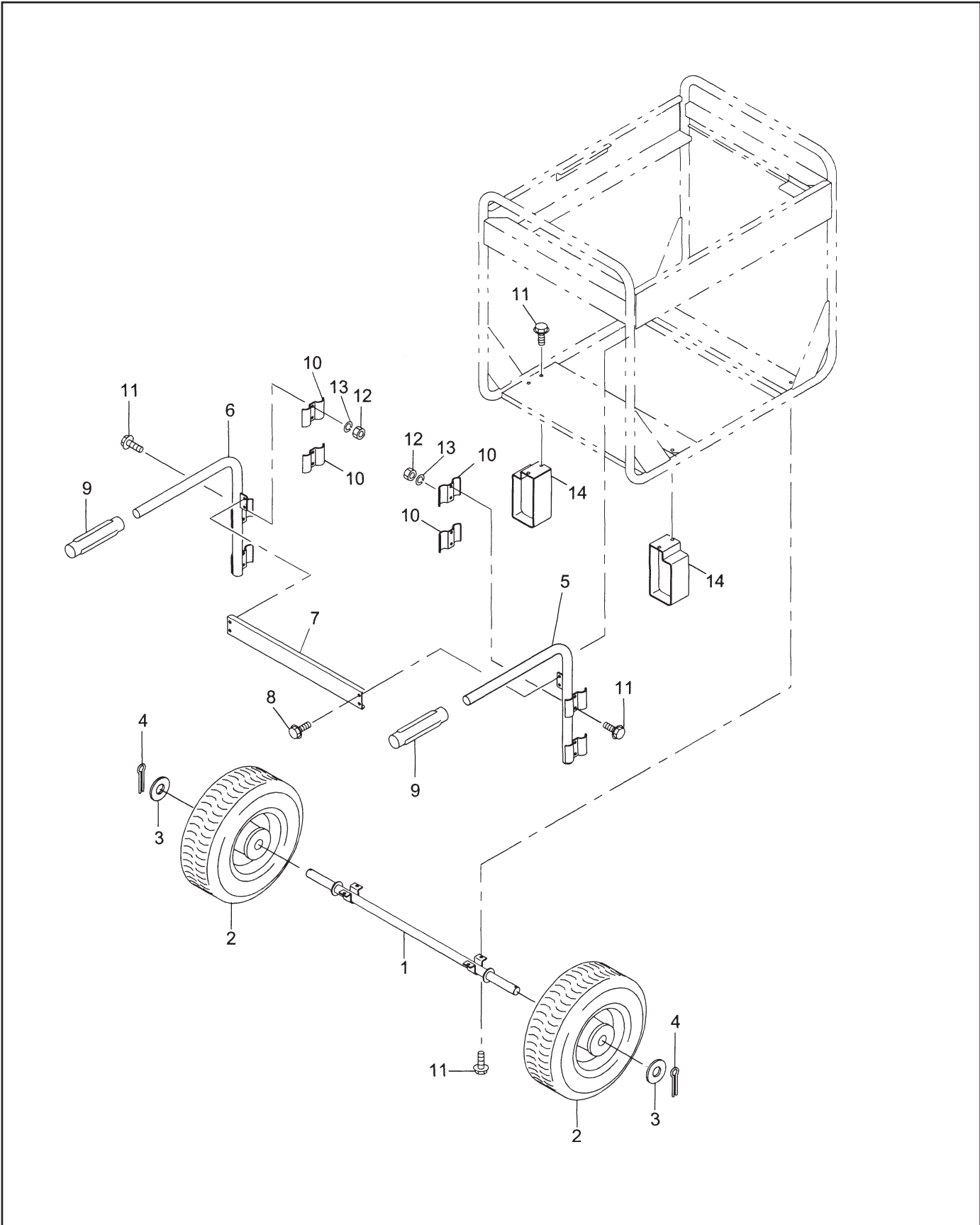


FIG. 4 2-WHEEL

[illegible]

FIG. 4 4-WHEEL

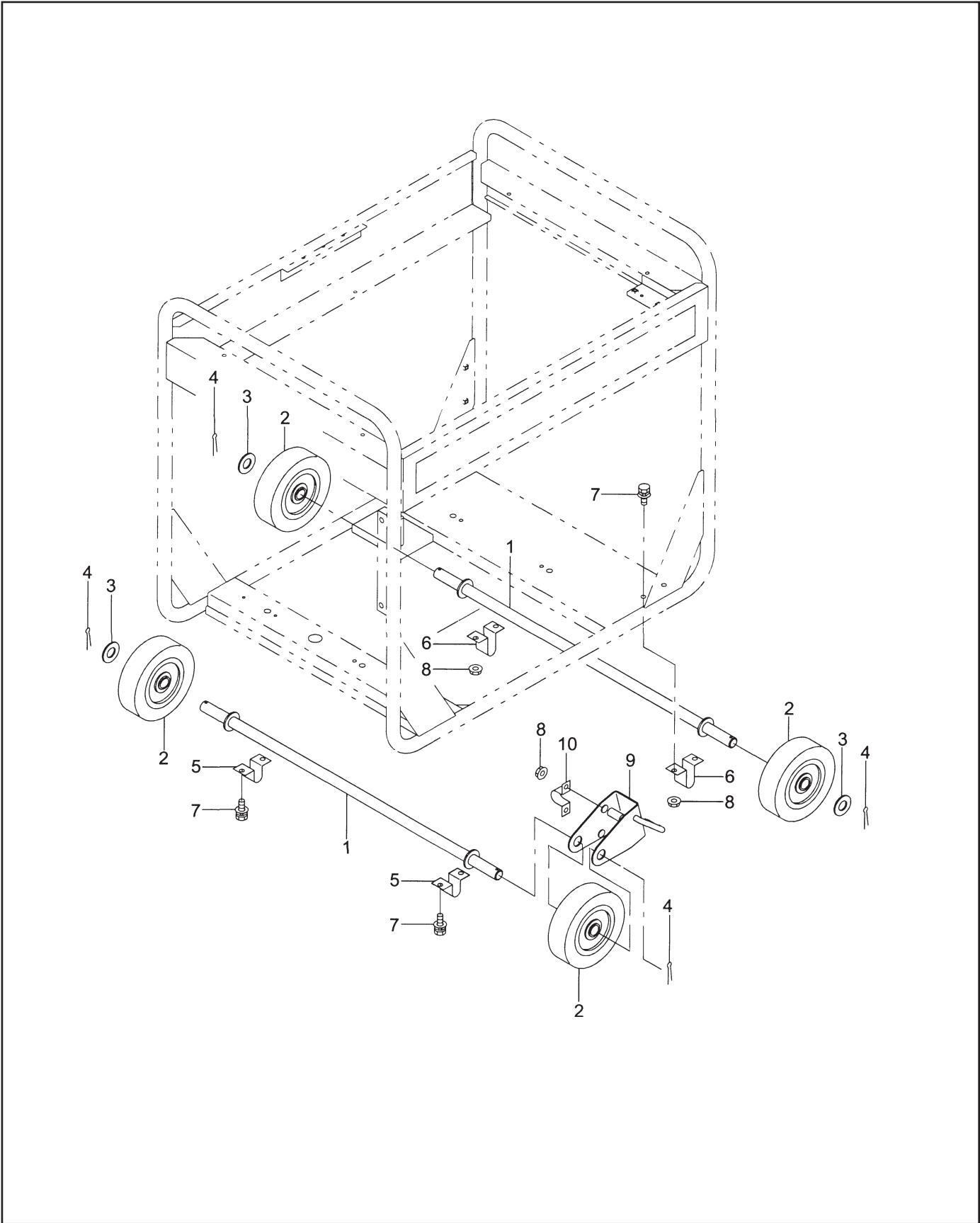


FIG. 4 4-WHEEL

[illegible]

FIG. 5 FUEL TANK

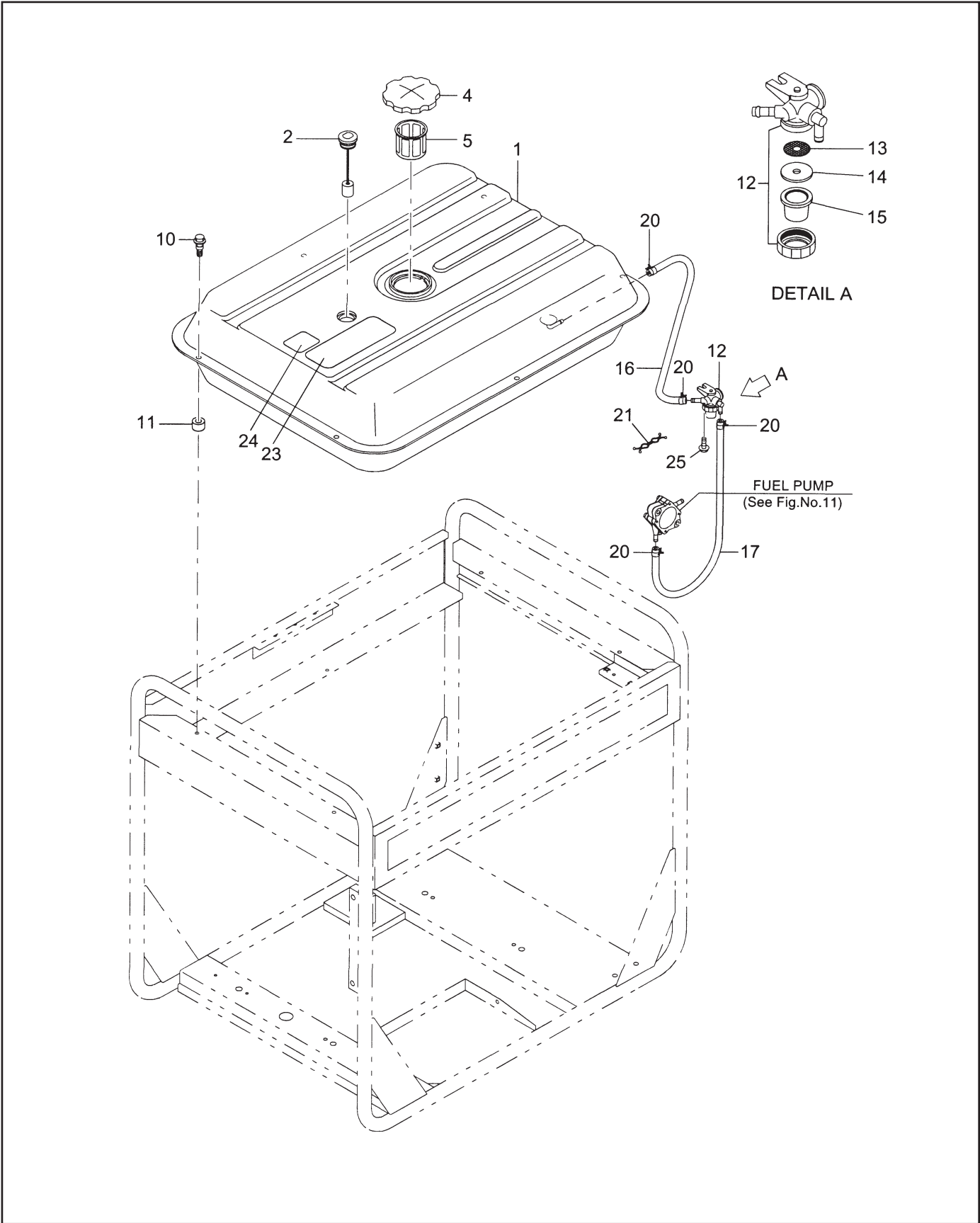


FIG. 5 FUEL TANK

[illegible]

FIG. 6 CRANKCASE GROUP

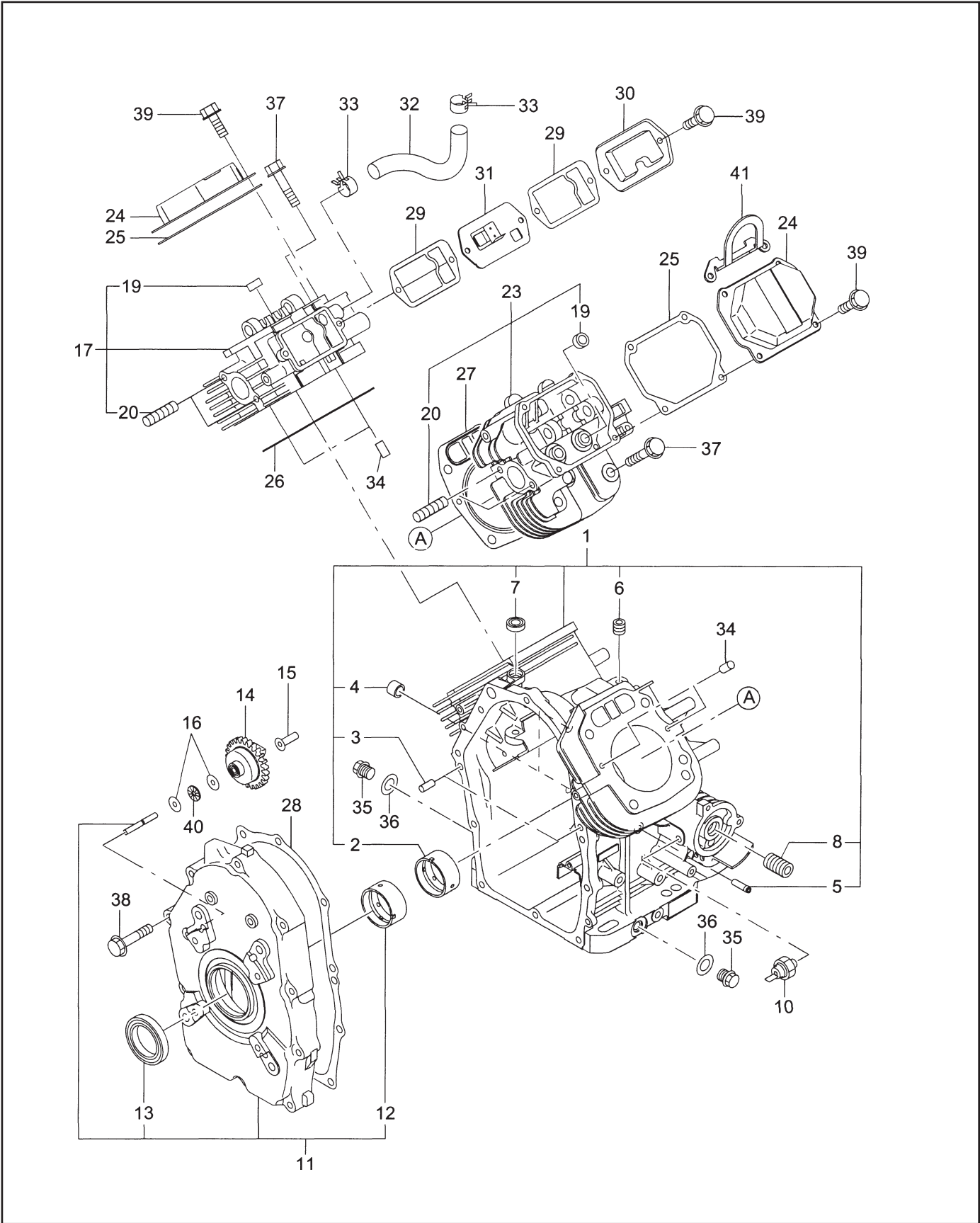


FIG. 6 CRANKCASE GROUP







REF	PART NUMBER	DESCRIPTION	QTY	REMARKS
*1	263-10101-21	CRANKCASE, compl.	1	 Includes items 2 thru 8
*1	263-10101-11	CRANKCASE, compl.	1	 Includes items 2 thru 8
*1	263-10101-01	CRANKCASE, compl.	1	 Includes items 2 thru 8
2	263-15802-03	MAIN BEARING	1	
2	263-15801-03	MAIN BEARING	1	
3	005-26081-80	DOWEL PIN	2	
4	142-55601-03	PIPE	2	
5	159-65401-03	PIPE (PULSE)	1	
6	235-15421-03	BLIND PLUG	1	
7	044-00800-10	OIL SEAL	1	
8	263-15901-03	UNION	1	
10	248-76301-01	SWITCH OIL PRESSURE	1	
*11	263-11101-11	MAIN BEARING COVER, compl.	1	 Includes items 12 and 13
*11	263-11101-01	MAIN BEARING COVER, compl.	1	 Includes items 12 and 13
12	263-15802-03	MAIN BEARING	1	
12	263-15801-03	MAIN BEARING	1	
13	044-04200-30	OIL SEAL	1	
13	044-04200-20	OIL SEAL	1	
14	263-45001-A1	GOVERNOR GEAR, compl.	1	
14	263-45001-01	GOVERNOR GEAR, compl.	1	
15	263-41901-03	GOVERNOR SLEEVE	1	
16	263-46214-A3	WASHER	2	
*17	263-13001-11	CYLINDER HEAD 1, compl.	1	 Includes items 19 and 20
*17	263-13001-01	CYLINDER HEAD 1, compl.	1	 Includes items 19 and 20
19	132-07AA0-50	SEAL-INTAKE VALVE	2	
20	010-50802-90	STUD	8	
*23	263-13101-11	CYLINDER HEAD 2, compl.	1	 Includes items 19 and 20
*23	263-13101-01	CYLINDER HEAD 2, compl.	1	 Includes items 19 and 20
24	246-15501-01	ROCKER COVER, compl.	2	
25	246-16002-13	GASKET, rocker cover	2	
26	263-15001-13	GASKET 1, cyl. head	1	
27	263-15101-13	GASKET 2, cyl. head	1	
28	263-16001-A3	GASKET, main bearing cover	1	
28	263-16001-03	GASKET, main bearing cover	1	
29	263-16006-03	GASKET, breather plate	2	
30	263-14301-03	BREATHING COVER	1	
31	263-14401-01	BREATHING PLATE, compl.	1	
32	263-18001-03	RUBBER PIPE	1	
33	056-11800-20	HOSE CLAMP	2	
34	031-00600-20	DOWEL PIN	4	
35	040-11400-30	PLUG	2	
36	021-11400-20	GASKET	2	

FIG. 6 CRANKCASE GROUP cont.

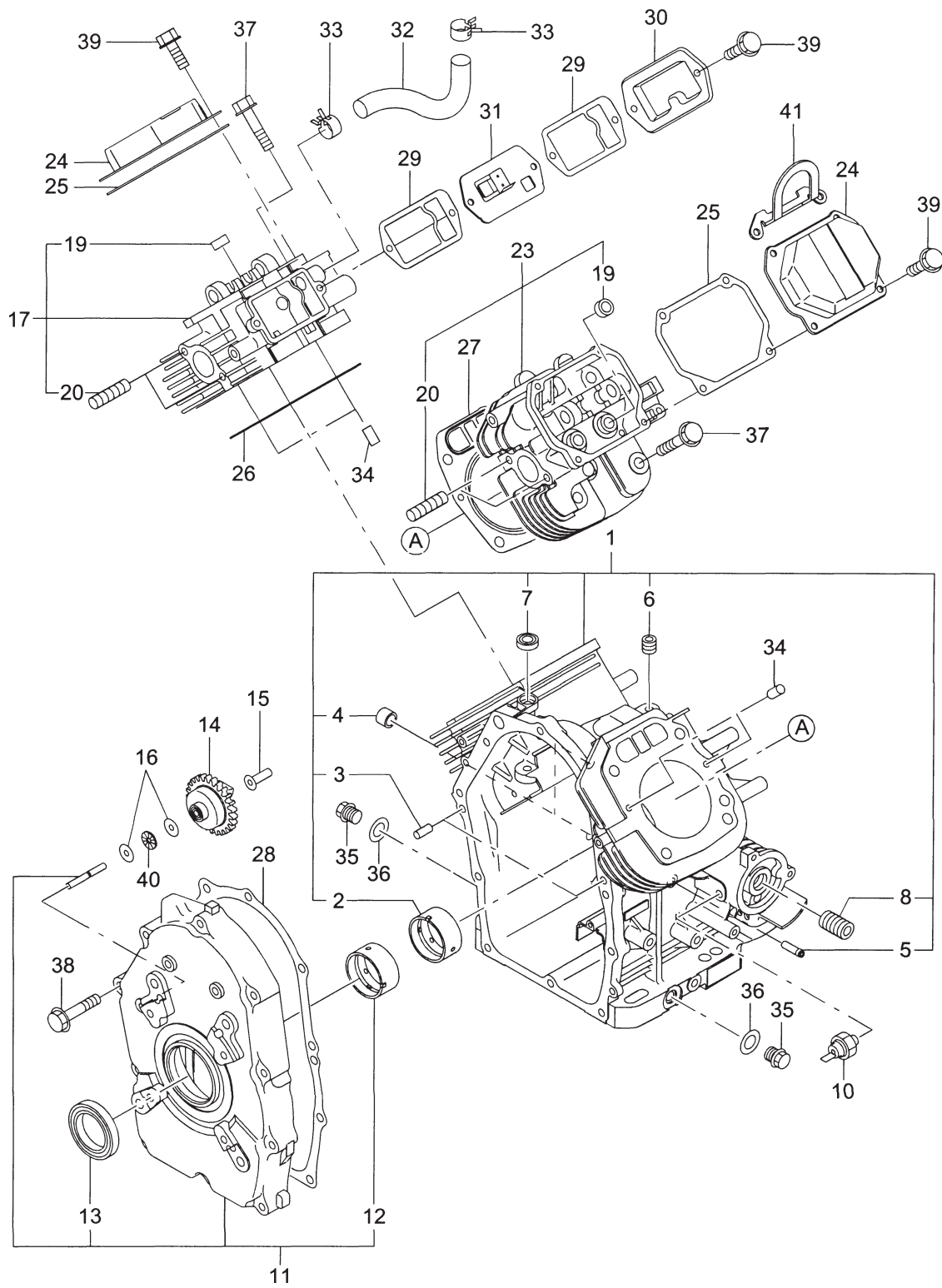


FIG. 6 CRANKCASE GROUP cont.

[illegible]

FIG. 7 CRANKSHAFT GROUP

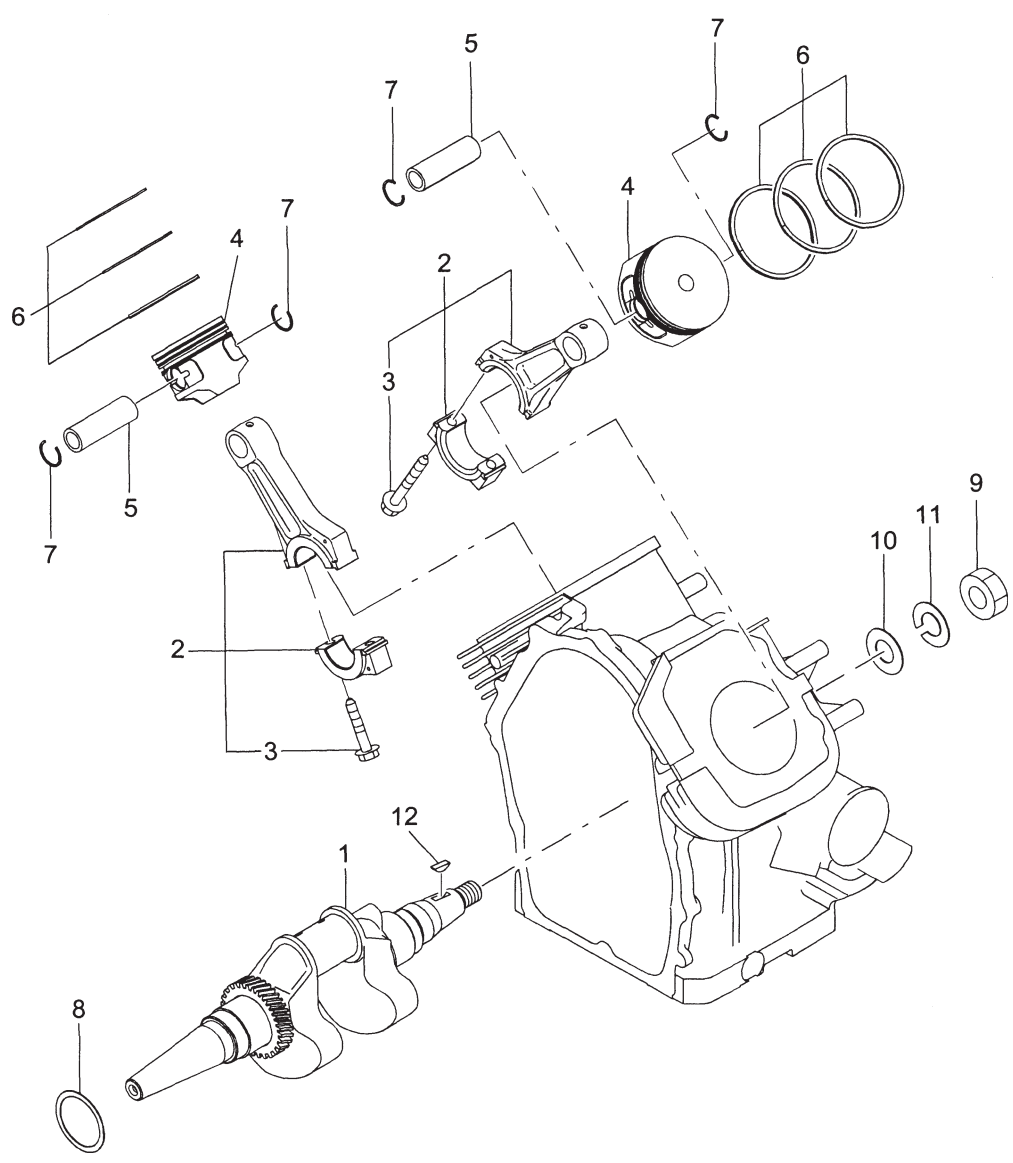


FIG. 7 CRANKSHAFT GROUP

[illegible]

This technical diagram illustrates the exploded view of a small engine assembly, likely for a lawnmower or similar outdoor power equipment. The components are numbered as follows:

- 26:** A cross-shaped fastener or pin at the top.
- 32:** A rectangular plate or cover.
- 25:** A large, ribbed air filter housing.
- 22:** A bracket or support structure.
- 23:** A circular air filter element.
- 27:** A small pin or screw.
- 24:** A circular base plate or gasket.
- 21:** A carburetor assembly.
- 20:** A bracket or mounting plate for the carburetor.
- 1:** A main engine block or cylinder head.
- 12:** A pin or screw.
- 13:** A small washer or spacer.
- 14:** A small pin or screw.
- 11:** A long, thin rod or shaft.
- 8:** A small pin or screw.
- 9:** A small washer or spacer.
- 7:** A small pin or screw.
- 3:** A small washer or spacer.
- 10:** A long, thin rod or shaft.
- 5:** A small pin or screw.
- 6:** A small washer or spacer.
- 4:** A small pin or screw.
- 2:** A small washer or spacer.
- 18:** A bracket or support structure.
- 28:** A small pin or screw.
- 31:** A small pin or screw.
- 15:** A small pin or screw.
- 19:** A small pin or screw.
- 30:** A small pin or screw.
- 17:** A small pin or screw.
- 16:** A small pin or screw.

FIG. 8 INTAKE and EXHAUST GROUP

[illegible]

FIG. 9 GOVERNOR GROUP

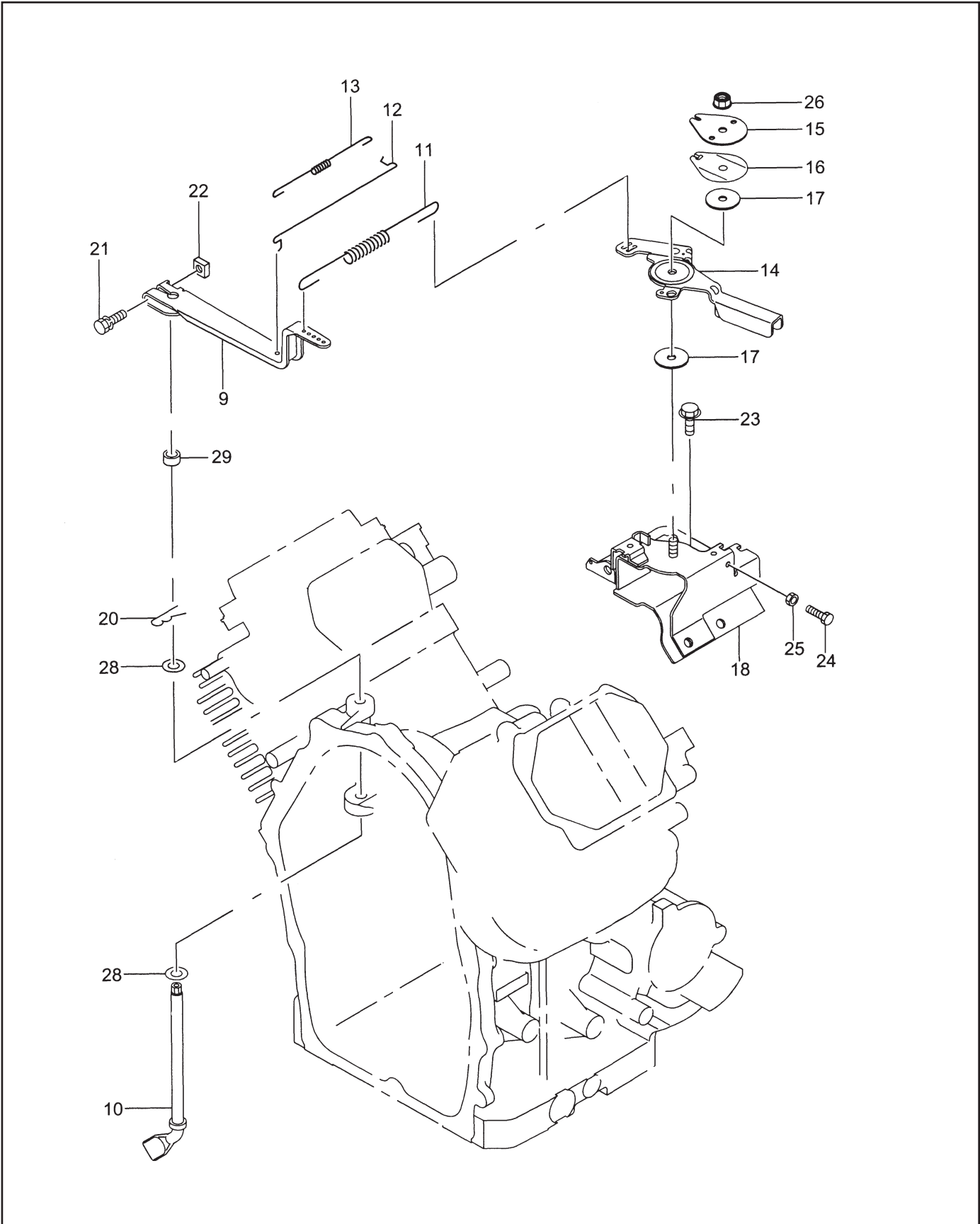


FIG. 9 GOVERNOR GROUP

[illegible]

FIG. 10 COOLING and STARTNG GROUP

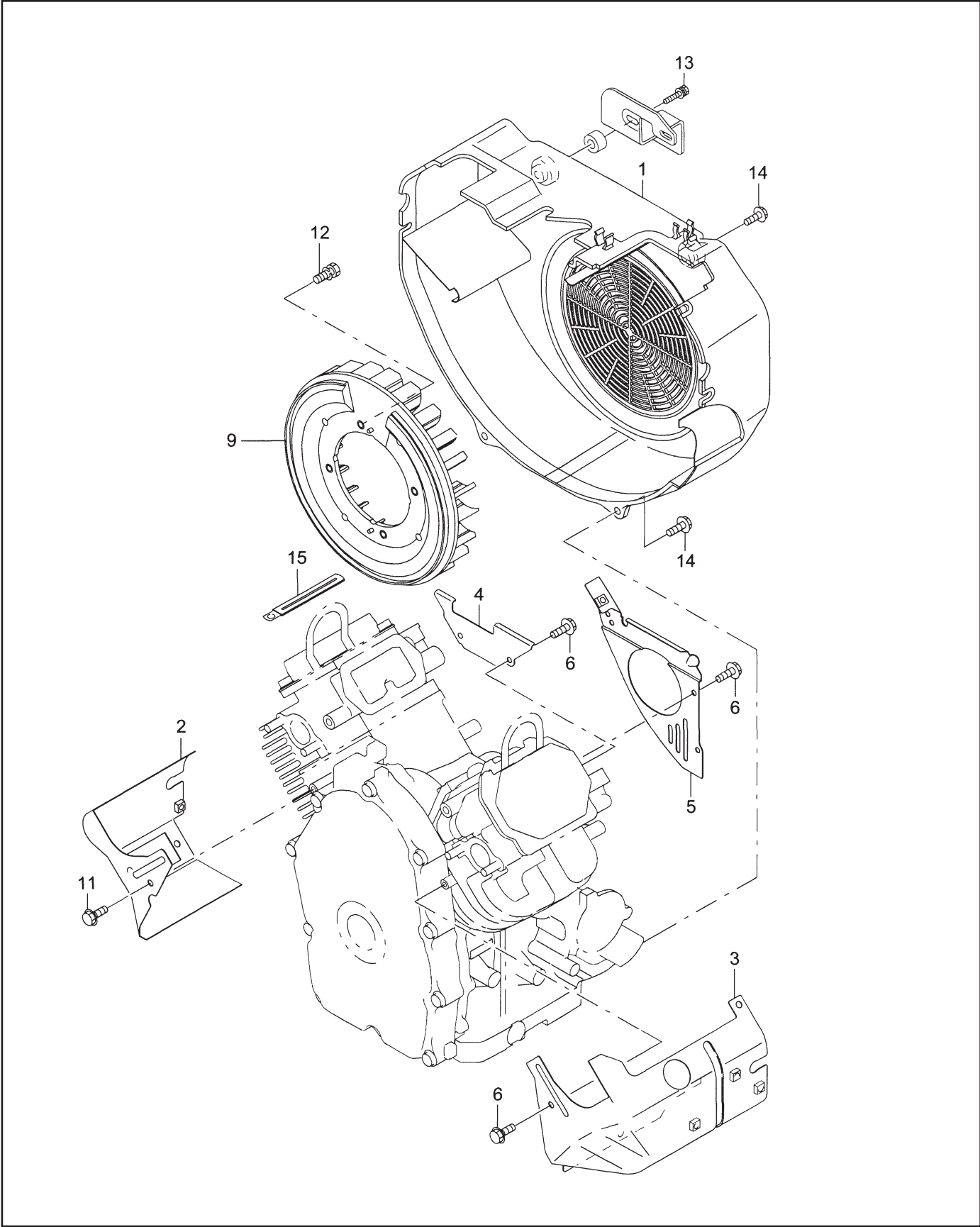


FIG. 10 COOLING and STARTING GROUP

[illegible]

FIG. 11 FUEL, LUBRICANT GROUP

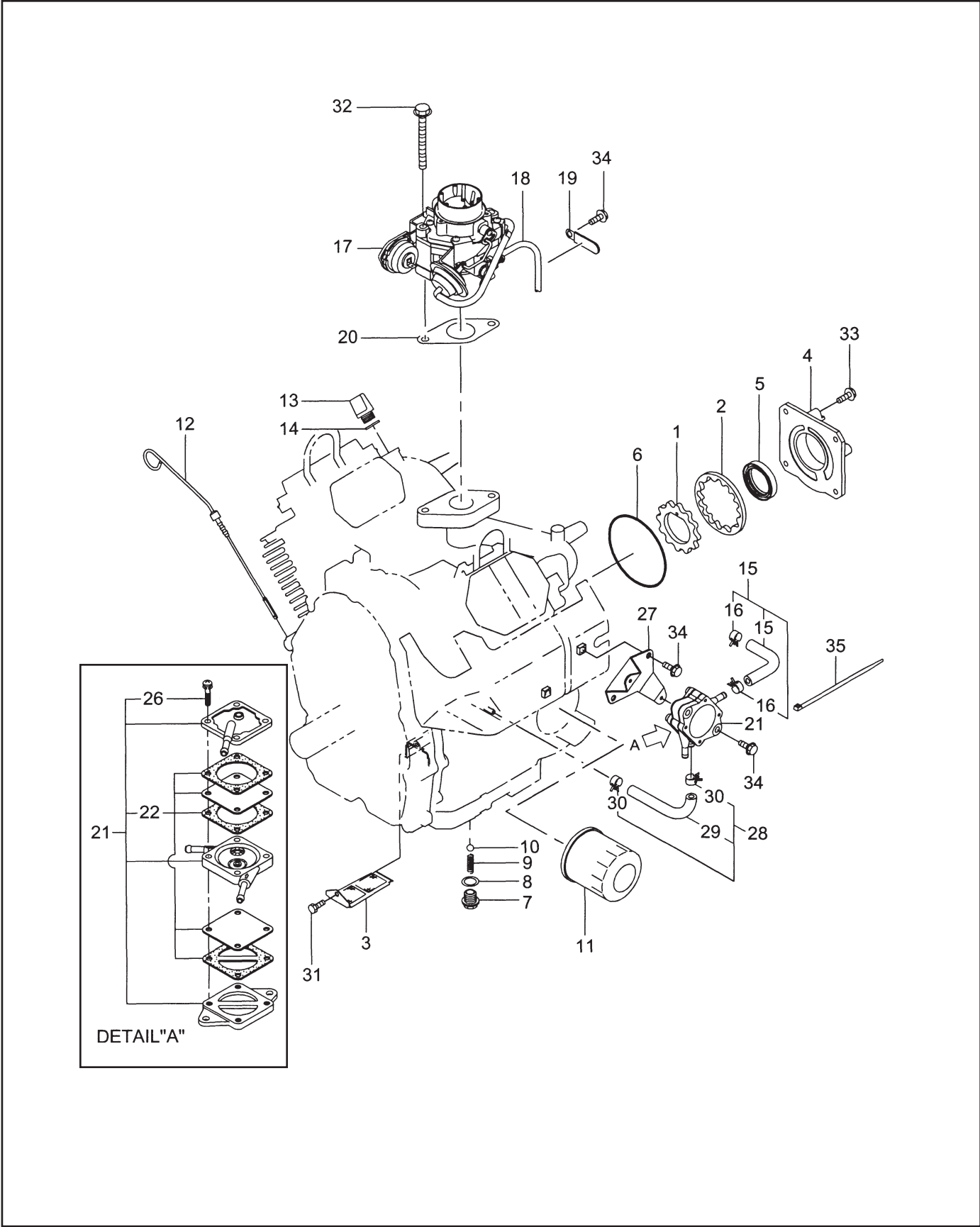















FIG. 11 FUEL, LUBRICANT GROUP

REF	PART NUMBER	DESCRIPTION	QTY	REMARKS
1	263-63901-03	INNER ROTOR	1	
2	263-63902-03	OUTER ROTOR	1	
3	263-64302-02	OIL PUMP FILTER UNIT	1	
3	263-64301-02	OIL PUMP FILTER UNIT	1	
*4	263-64001-01	OIL PUMP COVER, compl.	1	Includes item 5
5	044-03500-90	OIL SEAL	1	
6	X24-08900-20	O RING	1	
7	263-65001-13	PLUG, oil relief	1	
8	003-70140-00	GASKET, aluminum	1	
9	248-65601-03	SPRING, relief valve	1	
10	006-90308-00	STEEL BALL	1	
11	248-65801-00	OIL FILTER ASS'Y	1	
11	261-65902-A0	OIL FILTER ASS'Y	1	
12	263-63603-01	OIL GAUGE, compl.	1	
13	263-63602-03	OIL FILTER CAP	1	
14	021-31600-10	GASKET	1	
*15	263-62601-01	FUEL PIPE, compl.	1	Includes items 15 and 16
15	263-68001-A3	RUBBER PIPE	1	 1/4"× 1/2"
15	263-68001-03	RUBBER PIPE	1	 1/4"× 1/2"
16	263-68501-03	HOSE CLAMP	2	
17	263-62312-00	CARBURETOR ASS'Y	1	
18	160-67402-A3	VINYL PIPE	1	
19	206-75501-01	CLAMP, compl.	2	
20	263-66201-A3	GASKET, carburetor	1	
20	263-66201-03	GASKET, carburetor	1	
*21	248-62201-00	FUEL PUMP ASS'Y	1	Includes items 22 and 26
22	251-62251-08	DIAPHRAGM GASKET SET	1	
26	251-62250-08	SCREW	4	
27	263-65002-A3	BRACKET, fuel pump	1	
27	263-65002-02	BRACKET, fuel pump	1	
*28	263-62650-01	PULSE PIPE, compl.	1	Includes items 29 and 30
29	263-68051-A3	RUBBER PIPE	1	 1/4"× 1/2"
29	263-68051-03	RUBBER PIPE	1	 1/4"× 1/2"
30	263-68501-03	HOSE CLAMP	2	
31	263-65011-A3	FLANGE BOLT	1	
31	X10-10500-10	BOLT	1	 10-32UNF-2A
32	011-00801-10	FLANGE BOLT	2	M8×80mm
33	011-00601-40	FLANGE BOLT	4	M6×18mm
34	011-00600-20	FLANGE BOLT	5	M6×12mm
35	056-30000-40	WIRE BAND	1	

PX12000



FIG. 12 CARBURETOR GROUP

REF	PART NUMBER	DESCRIPTION	QTY	REMARKS
*1	263-62312-00	CARBURETOR ASS'Y	1	Includes items 2 thru 51
2	258-62545-08	GASKET, air horn	1	
4	258-62450-08	SCREW, air horn set	2	
5	226-62501-08	VALVE, float	1	
6	258-62505-08	FLOAT ASS'Y	1	
7	258-62515-08	FLOAT PIN	1	
8	258-62556-08	SCREW, float pin set	1	
9	263-62400-08	MAIN JET	1	#132
10	258-62546-08	GASKET	1	
11	258-62557-18	SOLENOID VALVE ASS'Y	1	
12	258-62420-08	JET, slow	1	#60
13	258-62445-08	SPRING, adjust screw	1	
14	258-62451-08	SCREW, throttle adjust	1	
16	263-62534-08	THROTTLE SHAFT ASS'Y	1	
17	226-62580-08	FILTER, throttle shaft	1	
18	258-62570-08	COLLAR, throttle shaft	1	
19	263-62535-08	THROTTLE VALVE	1	
20	261-62352-08	SCREW, valve set	5	
22	263-62551-08	PLUG	1	
23	215-62353-08	SCREW, drain	1	
24	215-62446-08	SPRING, drain	1	
25	263-62560-08	O RING, air horn	1	
26	263-62555-08	GASKET	1	
28	258-62566-08	CLAMP, solenoid wire	1	
29	263-62567-08	RUBBER PIPE	1	
30	263-62589-08	SCREW, holder set	2	
31	107-62373-08	GASKET	1	
32	263-62596-08	WASHER	2	
33	107-62377-08	E-CLIP	2	
34	263-62562-08	HOLDER, compl.	1	
35	107-62375-08	PLATE	1	
36	107-62376-08	COVER ASS'Y, thermostat	1	
37	263-62568-08	HOLDER, vacuum hose	1	
38	263-62352-08	OPENER ASS'Y, choke	1	
39	263-62353-08	ROD, choke piston	1	
40	263-62527-08	LEVER ASS'Y, choke	1	
41	258-62551-08	RING, choke lever	1	
42	263-62447-08	SPRING, choke	1	
43	258-62553-08	COLLAR, choke	1	
44	258-62554-08	FILTER, choke shaft	1	
45	263-62523-08	SHAFT ASS'Y, choke	1	
46	258-62525-08	CHOKE VALVE	1	
47	258-62555-08	SCREW, valve set	2	
48	263-62506-08	ARM, choke	1	

FIG. 12 CARBURETOR GROUP cont.

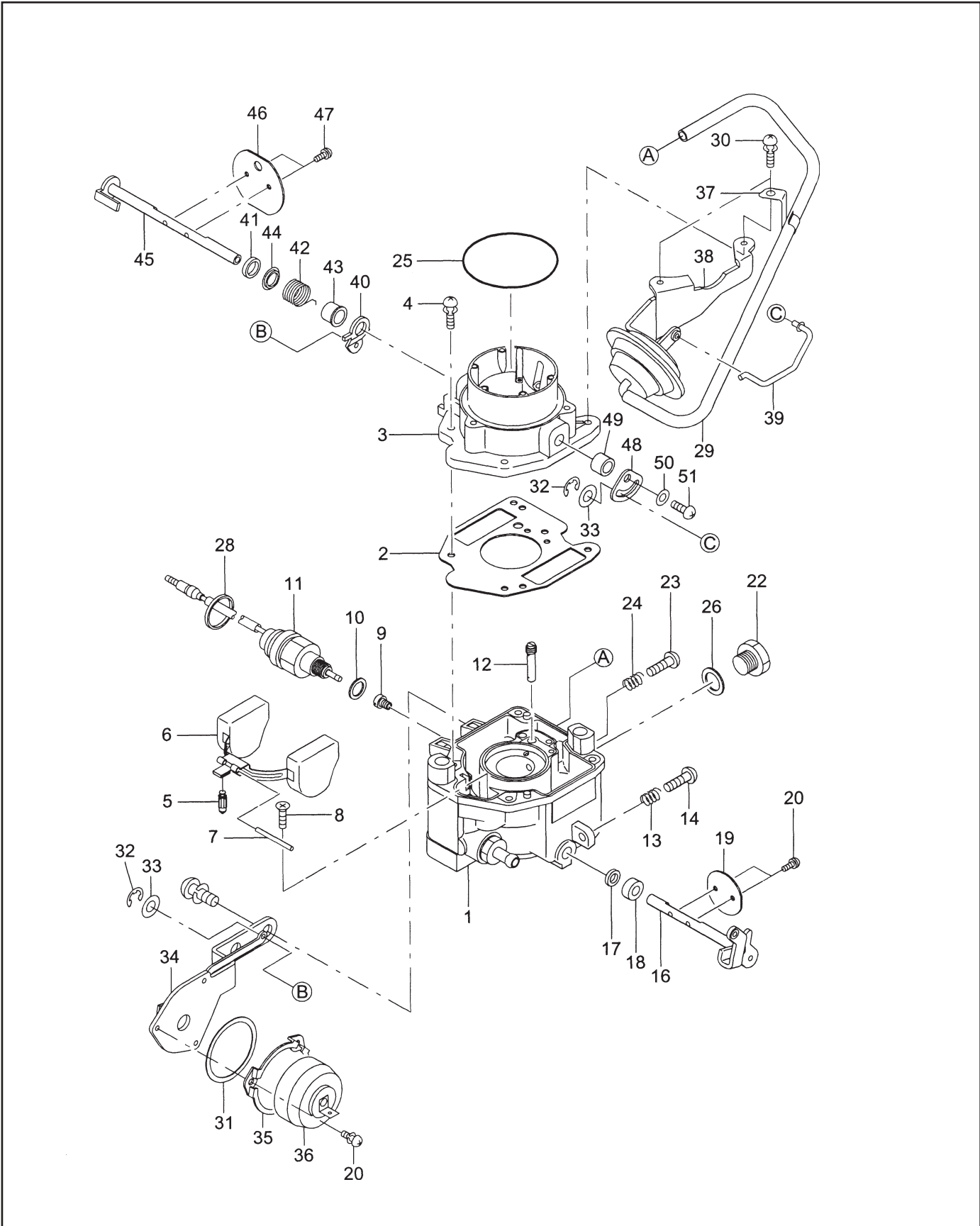


FIG. 12 CARBURETOR GROUP cont.

[illegible]

FIG. 13 ELECTRIC GROUP

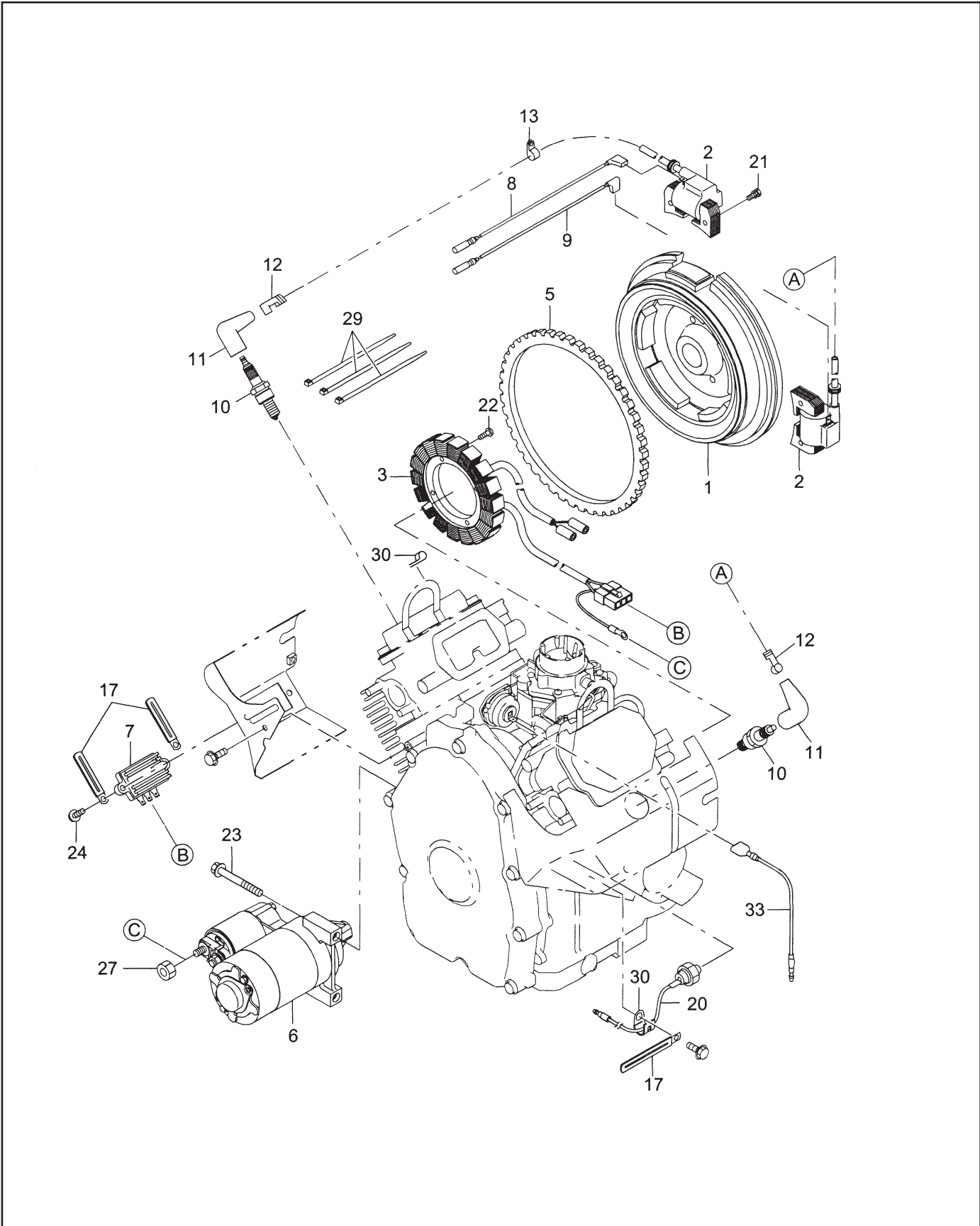


FIG. 13 ELECTRIC GROUP

[illegible]

FIG. 14 STARTING MOTOR GROUP

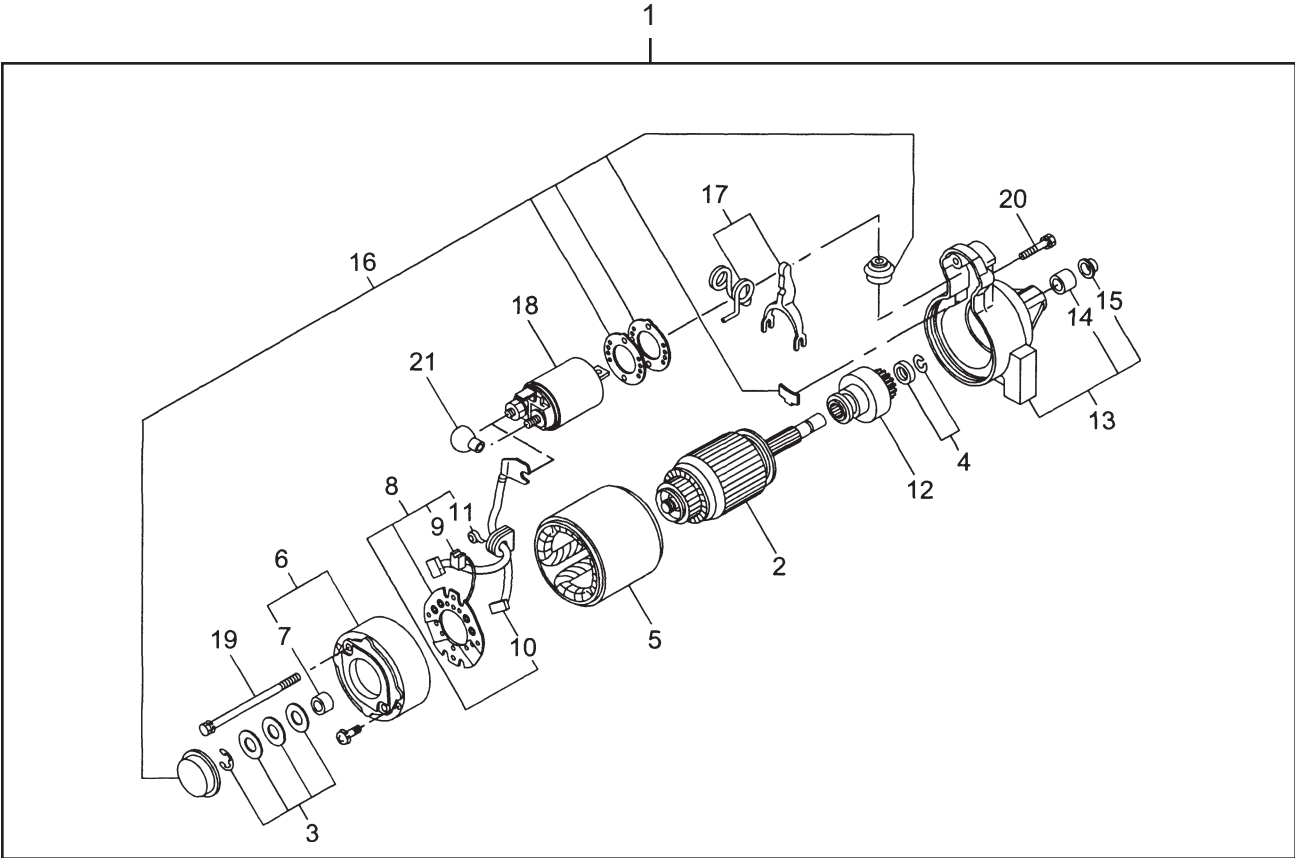


FIG. 14 STARTING MOTOR GROUP

[illegible]

FIG. 15 IDLE CONTROL SYSTEM GROUP

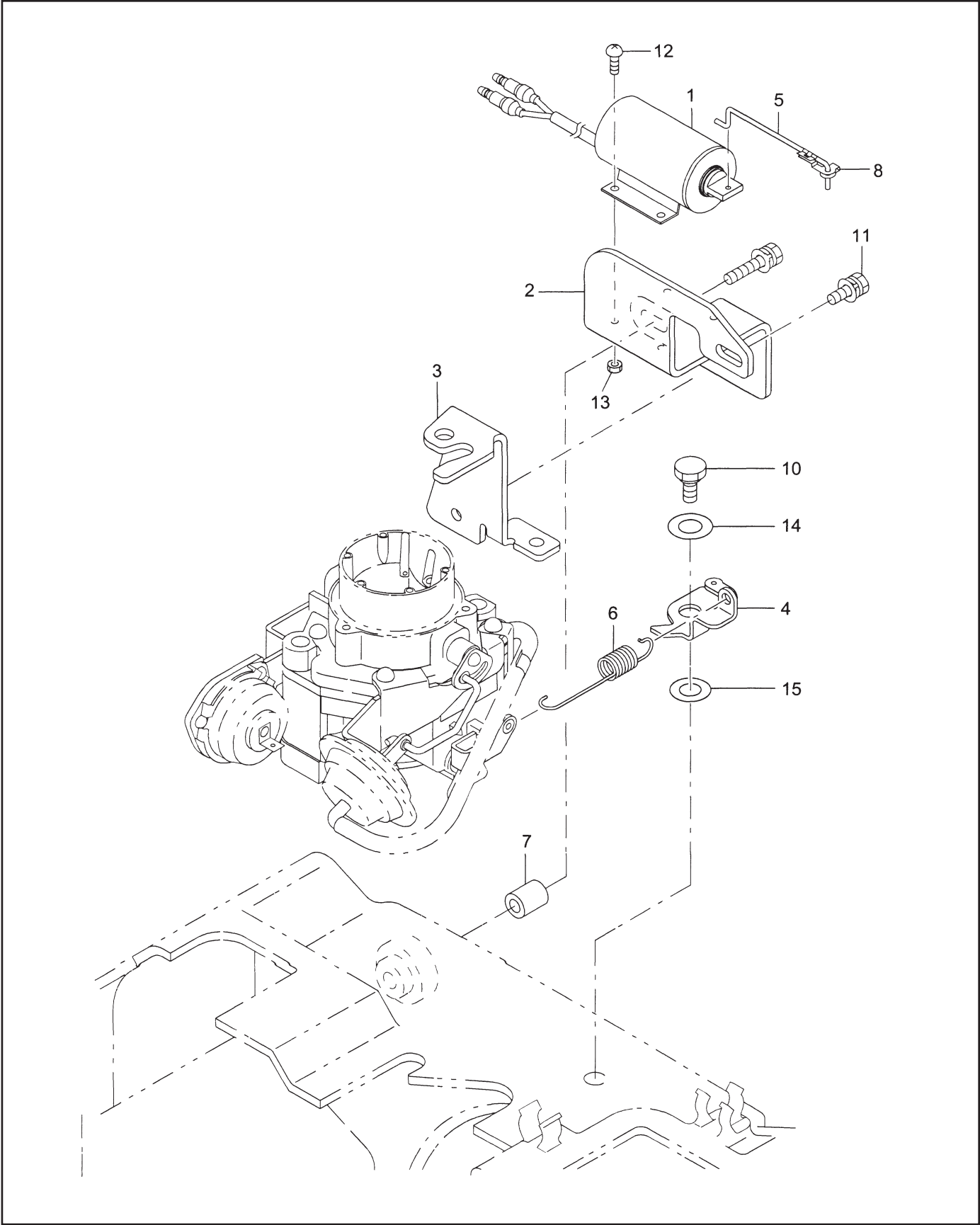


FIG. 15 IDLE CONTROL SYSTEM GROUP

[illegible]

FIG. 16 ACCESSORY GROUP

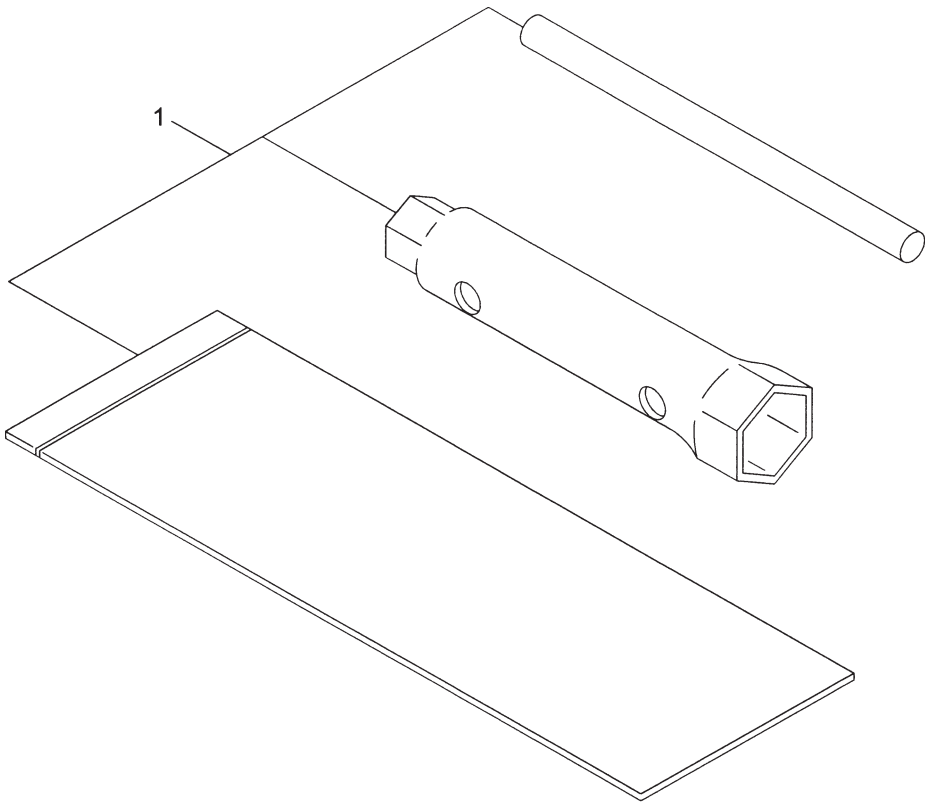


FIG. 16 ACCESSORY GROUP

[illegible]

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